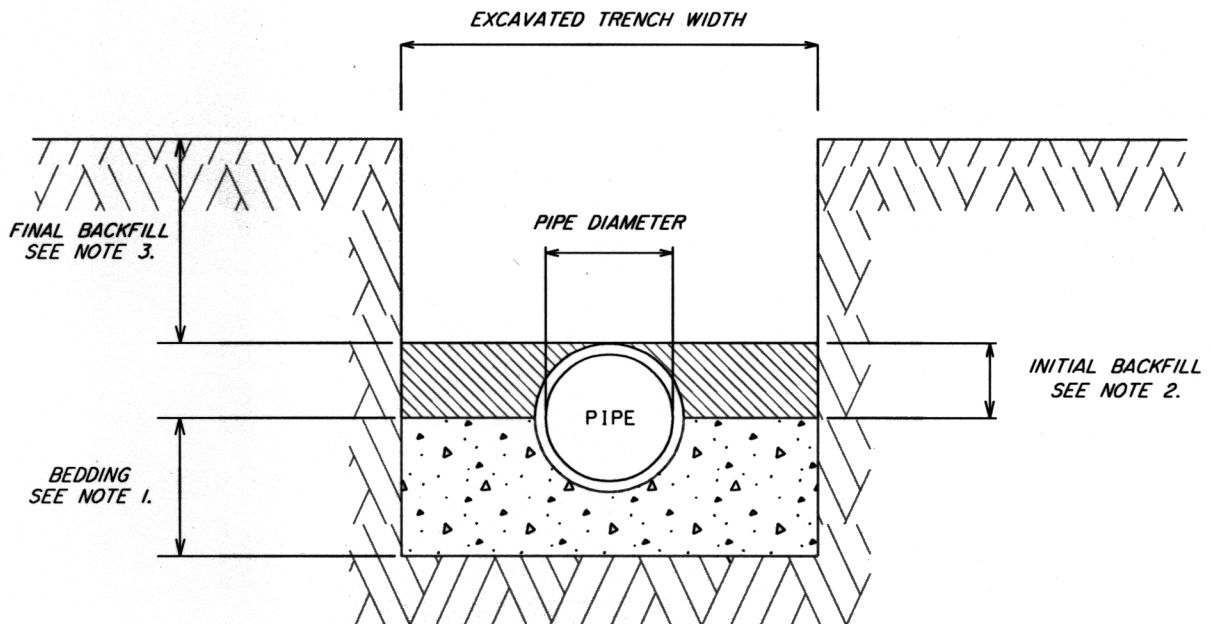


WATER MAIN TRENCH CROSS-SECTION

(TYPE FIVE LAYING CONDITION PER
ANSI/AWWA C600 / A21.50 SECTION 3.3.7)



NOTES:

- 1.) BEDDING SHALL CONSIST OF COMPACTED GRANNULAR MATERIAL (CA-6 OR FA-6) FROM A MINIMUM 4 INCHES BELOW THE PIPE TO THE CENTERLINE OF THE PIPE. BEDDING SHALL BE COMPACTED TO A MINIMUM OF 90% OF MODIFIED PROCTOR DENSITY IN ACCORDANCE WITH ASTM D-2049.
- 2.) INITIAL BACKFILL SHALL BE COMPACTED GRANNULAR MATERIAL (CA-6 OR FA-6) WHEN THE PIPE TRENCH LIES UNDER OR WITHIN TWO FEET OF A CURB OR HARDSURFACED AREA. SELECT EXCAVATED MATERIAL MAY BE USED WHEN THE PIPE TRENCH IS NOT UNDER OR WITHIN TWO FEET OF A CURB OR HARDSURFACED AREA. INITIAL BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% OF MODIFIED PROCTOR DENSITY IN ACCORDANCE WITH ASTM D-2049.
- 3.) FINAL BACKFILL UNDER HARDSURFACED AREAS OF WHERE THE TRENCH LIES WITHIN TWO FEET OF CURB OR HARDSURFACED AREA SHALL BE IDOT CA-6 OR FA-6 (AG-LIME IS NOT PERMITTED) COMPACTED. MINIMUM DEPTH OF FIVE (5) FEET.

CITY OF ST. CHARLES